

# PA-IEC-L36.R001



## Dimensions

Length	35mm	± 1mm
Width	7mm	± 1mm
Height	56mm	± 2mm



IEC 62133 2nd. Ed.

## Data for Pack

Nominal voltage		3.7V	2.75V - 4.2V		
Nominal capacity		1300mAh	typical (1200mAh rated)		
Used cell in pack		1pcs	Sanyo UF653450S		
Internal resistance pack		150mΩ	±10%		
Max charge voltage		4.2V			
Charge current	max	1250mA	0°C < T < 40°C		
Discharge	standard	240mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	2000mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. peak	2500mA	-20°C < T < 60°C t < 9ms *below 0°C with limited performance		
Short circuit current		≥33A	< 320μs (typical)		
NTC	R <sub>25</sub>	10kΩ	B-Value 25/85 = 3980k		
Connector	JST	XH	Pin1	GND	Black
			Pin2	NTC	Yellow
			Pin3	+3.7V	Red
Cable Length		45mm	±5mm		
Weight		ca. 27g	±2g		
Watt-hour rating		4.7Wh	acc. to UN38.3 Certificate from cell		

## Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4215mV	± 25mV	
	release	4025mV	± 25mV	
under voltage (per cell)	cut off	2300mV	± 50mV	
	release	2400mV	± 50mV	
Current Limit 1 by SU		≤2.9A	continuous (typical)	
Current Limit 2 by SU		≥13.9A	>2.24ms (typical)	
short circuit protection		≥33A	>320μs (typical)	
Power consumption	active	≤7.5μA	max 15μA (Ubat = 4.2V)	
	shutdown	2μA	max 5μA (Shutdown only when Ubat < 2.3V)	

## Recommended Charger

C-LIO-1SN05-1,8M-DIN4-GPN.R001